

# Notice of Allowability

Application No.

09/661,916

Examiner

Qamrun Nahar

Applicant(s)

HAYASE, TAKEO

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## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 12/2/04.
2. ☒ The allowed claim(s) is/are 1-2, 4-7, 9, 11-12 and 14-20, renumbered 1-16.
3. ☒ The drawings filed on 28 July 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
TUAN DAM  
SUPERVISORY PATENT EXAMINER

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### **DETAILED ACTION**

1. This action is in response to the amendment filed on 12/2/04.
2. The rejection under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention to claims 1-2, 4-7, 9, 11-12 and 14-20 is withdrawn in view of applicant's amendment and remarks/arguments.
3. The rejection under 35 U.S.C. 102(b) as being anticipated by Mason (U.S. 5,668,998) to claims 1-2, 4-7, 9, 11-12 and 14-20 is withdrawn in view of applicant's amendment and remarks/arguments.
4. Claims 1, 7, 9, 11 and 12 have been amended.
5. Claims 1-2, 4-7, 9, 11-12 and 14-20 are pending.
6. Claims 1-2, 4-7, 9, 11-12 and 14-20 are allowed, renumbered 1-16.

### **REASONS FOR ALLOWANCE**

7. The following is an examiner's statement of reasons for allowance:

The closest cited prior art, Mason (U.S. 5,668,998) teaches a method for constructing a service providing system using a framework for service providing system which provides a service for an object system. However, the cited prior art taken alone or in combination fails to teach, in combination with the other claimed limitations, defining a sequence carried out between the respective classes wherein said object system interface part of said framework for service providing system converts external data, which are exchanged between said object system interface part and said object system, into a format of intermediate data which is independent of

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said protocol, and said integrated control part of said framework for service providing system converts said intermediate data into a format of internal data which is handled in said service providing system, said data holding part and user interface part of said framework for service providing system handling said internal data which have been converted by said integrated control part as recited in independent claim 1; wherein said integrated control part controls data which are held in said data holding part, and connects said data holding part with said user interface part to provide various services for said object system on the basis of data which are given from said user or said object system and said object system interface part converts external data, which are exchanged between said object system interface part and said object system, into a format of intermediate data which is independent of said protocol, and said integrated control part converts said intermediate data into a format of internal data which is handled in said service providing system, said data holding part and user interface part handling said internal data which have been converted by said integrated control part as substantially recited in independent claims 7, 9 and 12; wherein said object system interface means converts external data, which are exchanged between said object system interface means and said object system, into a format of intermediate data which is independent of a protocol, and said integrated converts said intermediate data into a format of internal data which is handled by said internal system as recited in independent claim 11; and as pointed out by the applicant's remarks/arguments on pg. 12, par. 1 to pg. 13, par. 2; and remarks/arguments, filed on 7/28/03, on pg. 13, par. 3 to pg. 16, par. 3.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


***Conclusion***

8. Any inquiry concerning this communication from the examiner should be directed to Qamrun Nahar whose telephone number is (571) 272-3730. The examiner can normally be reached on Mondays through Fridays from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam, can be reached on (571) 272-3695. The fax phone number for the organization where this application or processing is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the TC 2100 Group receptionist whose telephone number is 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
**TUAN DAM**  
**SUPERVISORY PATENT EXAMINER**

Qamrun Nahar  
May 31, 2005